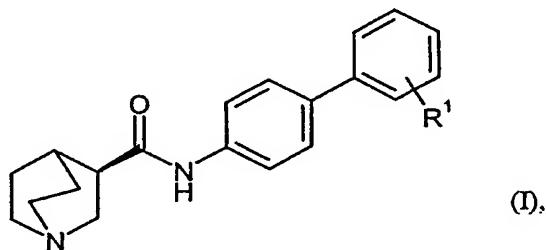


**AMENDMENT OF THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

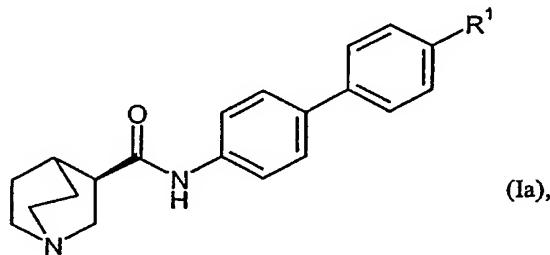
1. (Currently Amended) A compound of the formula



in which

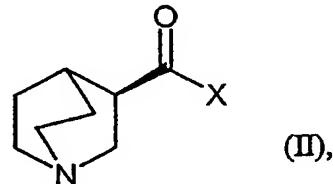
- R<sup>1</sup> is a group of the formula -NR<sup>2</sup>-CO-NR<sup>3</sup>R<sup>4</sup>, -NR<sup>2</sup>-CO-CO-OR<sup>5</sup>, -NH-SO<sub>2</sub>R<sup>6</sup>, -SO<sub>2</sub>NHR<sup>7</sup> or -NH-CO-R<sup>8</sup>, where
- R<sup>2</sup> is hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl,
- R<sup>3</sup> and R<sup>4</sup> are independently of one another hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>8</sub>-cycloalkyl or phenyl, which is optionally substituted by up to 3 radicals independently of one another selected from the group of halogen, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, trifluoromethyl and trifluoromethoxy, or
- R<sup>3</sup> and R<sup>4</sup> together with the nitrogen atom to which they are bonded form a 5- to 6-membered heterocyclyl,
- R<sup>5</sup> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>8</sub>-cycloalkyl or aryl, where C<sub>1</sub>-C<sub>6</sub>-alkyl is optionally substituted by aryl,
- R<sup>6</sup> is C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>8</sub>-cycloalkyl, 5- to 6-membered heterocyclyl, aryl or 5- to 6-membered heteroaryl, where C<sub>1</sub>-C<sub>6</sub>-alkyl is optionally substituted by aryl,
- R<sup>7</sup> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>3</sub>-C<sub>8</sub>-cycloalkyl, 5- to 6-membered heterocyclyl, aryl or 5- to 6-membered heteroaryl, where C<sub>1</sub>-C<sub>6</sub>-alkyl is optionally substituted by aryl,
- R<sup>8</sup> is C<sub>3</sub>-C<sub>8</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-alkyl or phenyl, where C<sub>1</sub>-C<sub>6</sub>-alkyl is substituted by C<sub>1</sub>-C<sub>6</sub>-alkoxy and phenyl by 1 to 3 radicals independently of one another selected from the group of halogen, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, trifluoromethyl and trifluoromethoxy,
- or the salts, solvates and solvates of the salts a salt thereof.

2. (Currently Amended) The compound as claimed in claim 1, where  
 $R^1$  is a group of the formula  $-NR^2-CO-NR^3R^4$ ,  $-NR^2-CO-CO-OR^5$ ,  $-NH-SO_2R^6$ ,  $-SO_2NHR^7$  or  $-NH-CO-R^8$ , where  
 $R^2$  is hydrogen or  $C_1-C_4$ -alkyl,  
 $R^3$  and  $R^4$  are independently of one another hydrogen,  $C_1-C_4$ -alkyl,  $C_3-C_6$ -cycloalkyl or phenyl, which is optionally substituted by up to 2 radicals independently of one another selected from the group of fluorine, chlorine, bromine, cyano,  $C_1-C_4$ -alkyl,  $C_1-C_4$ -alkoxy, trifluoromethyl and trifluoromethoxy, or  
 $R^3$  and  $R^4$  together with the nitrogen atom to which they are bonded form a 5- to 6-membered heterocyclyl,  
 $R^5$  is hydrogen,  $C_1-C_4$ -alkyl,  $C_3-C_6$ -cycloalkyl, or aryl, where  $C_1-C_4$ -alkyl is optionally substituted by aryl,  
 $R^6$  is  $C_1-C_4$ -alkyl,  $C_3-C_6$ -cycloalkyl, 5- to 6-membered heterocyclyl, aryl or 5- to 6-membered heteroaryl, where  $C_1-C_4$ -alkyl is optionally substituted by aryl,  
 $R^7$  is hydrogen,  $C_1-C_4$ -alkyl,  $C_3-C_6$ -cycloalkyl, 5- to 6-membered heterocyclyl, aryl or 5- to 6-membered heteroaryl, where  $C_1-C_4$ -alkyl is optionally substituted by aryl,  
 $R^8$  is  $C_3-C_6$ -cycloalkyl,  $C_1-C_4$ -alkyl or phenyl, where  $C_1-C_4$ -alkyl is substituted by  $C_1-C_4$ -alkoxy and phenyl by 1 to 2 radicals independently of one another selected from the group of fluorine, chlorine, bromine, cyano,  $C_1-C_4$ -alkyl,  $C_1-C_4$ -alkoxy, trifluoromethyl and trifluoromethoxy,  
or the salts, solvates and solvates of the salts a salt thereof.
3. (Currently Amended) The compound as claimed in claim 1, where  
 $R^1$  is a group of the formula  $-NH-CO-NHR^3$ ,  $-NH-CO-CO-OH$ ,  $-NH-SO_2R^6$ ,  $-SO_2NHR^7$  or  $-NH-CO-R^8$ , where  
 $R^3$  is hydrogen,  $C_1-C_4$ -alkyl,  $C_5-C_6$ -cycloalkyl or phenyl, which is optionally substituted by  $C_1-C_4$ -alkoxy,  
 $R^6$  is  $C_1-C_4$ -alkyl or phenyl, where  $C_1-C_4$ -alkyl is optionally substituted by phenyl,  
 $R^7$  is hydrogen or  $C_1-C_4$ -alkyl which is optionally substituted by phenyl,  
 $R^8$  is  $C_5-C_6$ -cycloalkyl, methoxymethyl or phenyl which is substituted by fluorine or chlorine,  
or the salts, solvates and solvates of the salts a salt thereof.
4. (Currently Amended) A compound as claimed of the formula



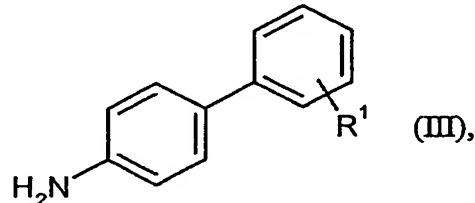
in which R<sup>1</sup> has the meanings indicated in claim 1, or ~~the salts, solvates a salt thereof.~~

5. (Currently Amended) A process for preparing ~~compounds~~ a compound as claimed in any one of claims 1 to 4, characterized in that [A](A) ~~compounds~~ a compound of the formula



in which

X is hydroxy or a suitable leaving group,  
~~are reacted~~ is reacted with a compound of the formula

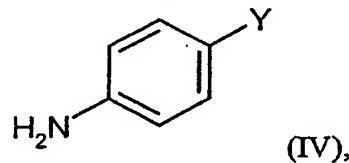


in which

R<sup>1</sup> has the meanings indicated in claim 1,  
in an inert solvent, where appropriate in the presence of a condensing agent and where appropriate in the presence of a base,

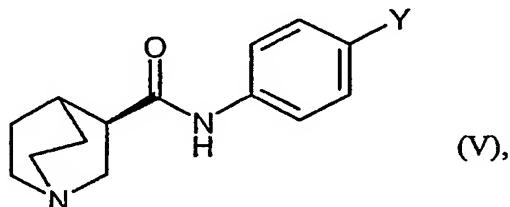
or

[B](B) ~~compounds~~ a compound of the formula (II) initially ~~are reacted~~ is reacted with a compound of the formula



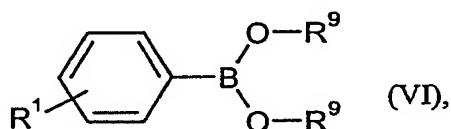
in which

Y is a suitable leaving group,  
where appropriate in an inert solvent, where appropriate in the  
presence of a condensing agent and where appropriate in the  
presence of a base to give compounds of the formula



in which

Y has the abovementioned meanings,  
and the latter are then reacted in a coupling reaction with  
compoundsa compound of the formula



in which

R¹ has the meanings indicated in claim 1, and  
R⁹ is hydrogen or methyl, or the two radicals together form a  
CH<sub>2</sub>CH<sub>2</sub> or C(CH<sub>3</sub>)<sub>2</sub>-C(CH<sub>3</sub>)<sub>2</sub> bridge,  
in an inert solvent in the presence of a suitable catalyst and in the  
presence of a base, and the resulting compoundscompound of the  
formula I are reacted where appropriate with the with an  
appropriate (i) solvents and/or (ii) bases or acids acid or base to give a  
salt the solvates, salts and/or solvates of the salts thereof.

6. (Canceled)
7. (Currently amended) A medicament pharmaceutical composition comprising at least one of the compounds as claimed in any of claims 1 to 4 mixed with at least one pharmaceutically acceptable, essentially nontoxic carrier or excipient.
8. (Canceled)
9. (Canceled)
10. (Currently Amended) A method for the treatment and/or prophylaxis of impairments of perception, concentration, learning and/or memory in humans and animals comprising administering to said human or animal an effective amount of at least one compound as claimed in any of claims 1 to 4.

11. (Canceled)
12. (Previously Presented) The process of claim 5, wherein X is a suitable leaving group selected from chlorine and pentafluorophenoxy.
13. (Previously Presented) The process of claim 5, wherein Y is a suitable leaving group selected from triflate and halogen.
14. (Previously Presented) The process of claim 13, wherein the halogen is bromine or iodine.